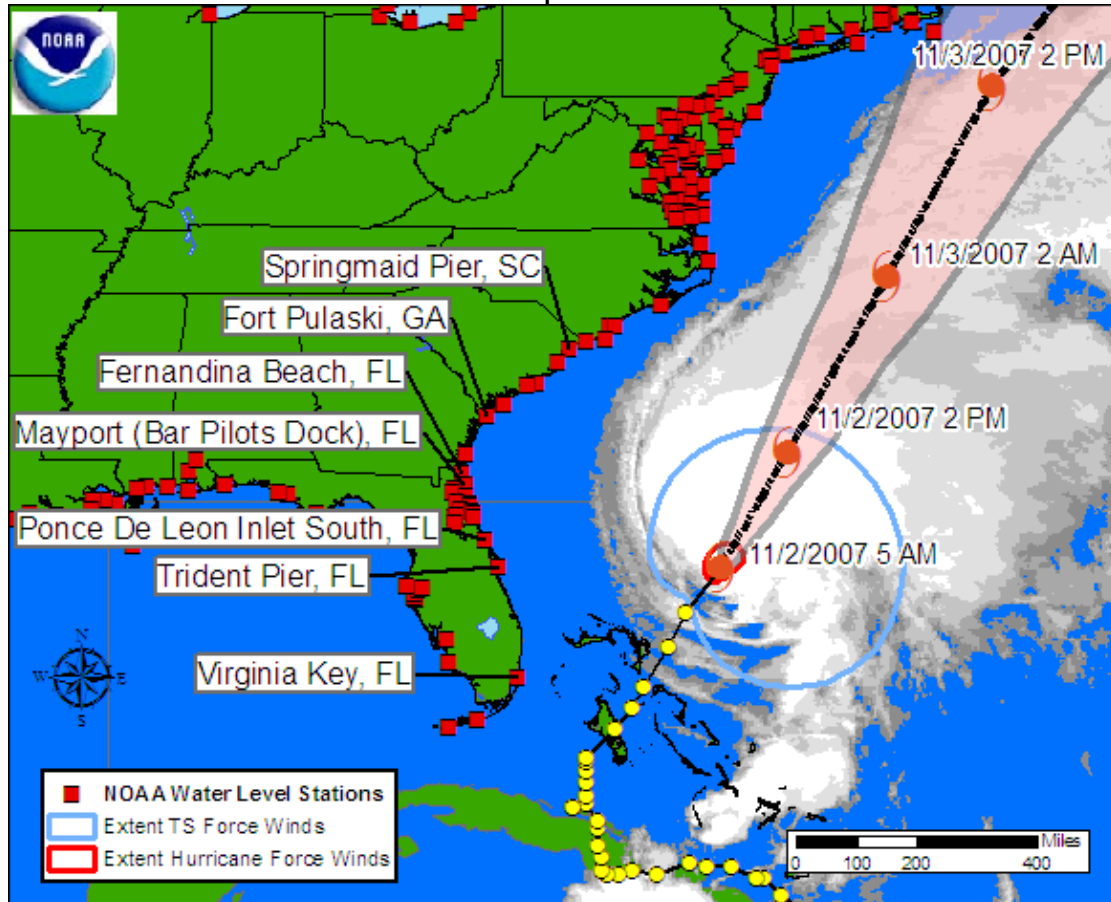




Hurricane NOEL QUICKLOOK
Posted: 05:30 EDT 11/02/2007

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

Water levels along the eastern coast of Florida, Georgia and South Carolina are elevated from 1.0 to 2.6 ft above predicted.

Water level and meteorological plots available below are updated automatically. Water level observations on Mean Lower Low Water as of 11/02/2007 05:30 EDT are:

Virginia Key, FL: 1.07 ft (0.33 m) above predicted. Next high tide Fri 11/02/2007 16:17 EDT 2.4 ft (0.7 m).

Trident Pier, FL: 1.50 ft (0.42 m) above predicted. Next high tide Fri 11/02/2007 14:59 EDT 4.1 ft (1.2 m).

Ponce De Leon Inlet South, FL: 2.56 ft (0.78 m) above predicted. Next high tide Fri 11/02/2007 15:38 EDT 3.2 ft (1.0 m).

Mayport (Bar Pilots Dock), FL: 1.46 ft (0.45 m) above predicted. Next high tide Fri 11/02/2007 15:52 EDT 5.3 ft (1.6 m).

Fernandina Beach, FL: 2.21 ft (0.67 m) above predicted. Next high tide Fri 11/02/2007 15:51 EDT 6.3 ft (1.9 m)

Fort Pulaski, GA : 1.55 ft (0.47 m) above predicted. Next high tide Fri 11/02/2007 15:10 EDT 7.3 ft (2.2 m).

Springmaid Pier, SC: 0.98 ft (0.30 m) above predicted. Next high tide Fri 11/02/2007 14:35 EDT 5.5 ft (1.7 m).

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

...NOEL MOVING NORTH-NORTHEASTWARD BETWEEN THE SOUTHEASTERN UNITED STATES AND BERMUDA...GROWING IN SIZE...

A GALE WARNING REMAINS IN EFFECT FOR BERMUDA.

AT 500 AM EDT THE CENTER OF HURRICANE NOEL WAS LOCATED NEAR LATITUDE 28.4 NORTH LONGITUDE 75.2 WEST OR ABOUT 675 MILES WEST-SOUTHWEST OF BERMUDA AND ABOUT 470 MILES SOUTH OF CAPE HATTERAS NORTH CAROLINA.

NOEL IS MOVING TOWARD THE NORTH-NORTHEAST NEAR 18 MPH AND THIS MOTION IS EXPECTED TO CONTINUE WITH AN INCREASE IN FORWARD SPEED DURING THE NEXT 24 HOURS.

MAXIMUM SUSTAINED WINDS ARE NEAR 80 MPH WITH HIGHER GUSTS. NOEL IS A CATEGORY ONE HURRICANE ON THE SAFFIR-SIMPSON SCALE. LITTLE CHANGE IN STRENGTH IS FORECAST DURING THE NEXT 24 HOURS BUT NOEL IS EXPECTED TO LOSE TROPICAL CHARACTERISTICS AND BECOME A POWERFUL EXTRATROPICAL CYCLONE WITHIN THE NEXT 24 HOURS.

AIRCRAFT SATELLITE AND SURFACE OBSERVATIONS INDICATE THAT NOEL HAS GROWN IN SIZE DURING THE NIGHT. HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 45 MILES FROM THE CENTER AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 275 MILES MAINLY TO THE EAST OF THE CENTER.

ESTIMATED MINIMUM CENTRAL PRESSURE IS 981 MB.

NOEL IS EXPECTED TO PRODUCE RAINFALL AMOUNTS OF UP TO ONE INCH ACROSS THE OUTER BANKS OF NORTH CAROLINA AND 2 TO 4 INCHES WITH ISOLATED MAXIMUM TOTALS TO 6 INCHES ACROSS EASTERN NEW ENGLAND.

For additional data and more information on the Storm QuickLook product, please visit the

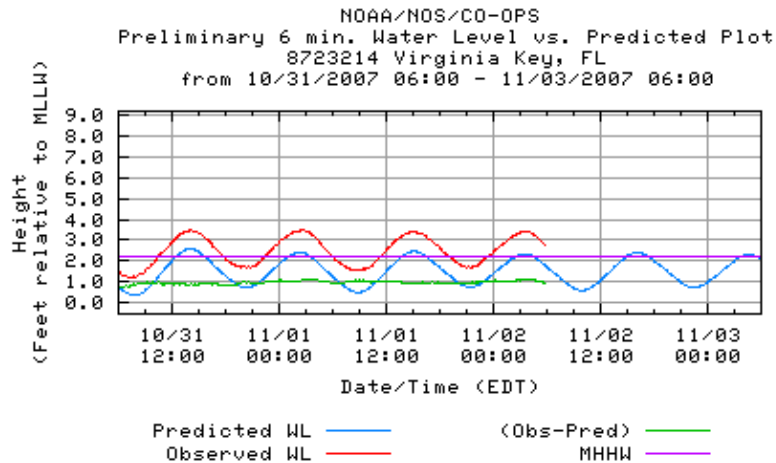
Center for Operational Oceanographic Products & Services website.

Water Level Analyst: KE

For the purpose of timely release, data contained within this QUICKLOOK have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Virginia Key - Water Level](#), [Trident Pier - Water Level](#), [Trident Pier - Winds](#), [Trident Pier - Barometric](#), [Ponce De Leon Inlet South - Water Level](#), [Mayport \(Bar Pilots Dock\) - Water Level](#), [Mayport \(Bar Pilots Dock\) - Barometric](#), [Fernandina Beach - Water Level](#), [Fort Pulaski - Water Level](#), [Fort Pulaski - Winds](#), [Springmaid Pier - Water Level](#), [Springmaid Pier - Winds](#), [Springmaid Pier - Barometric](#).

Virginia Key, FL - Station Map [Return to List](#)

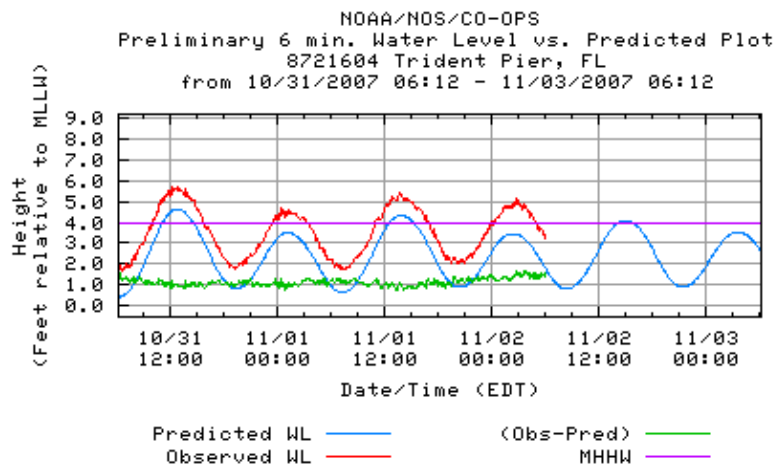


Last Observed Sample: 11/02/2007 05:42 (EDT)

Relative to **MLLW**: **Observed: 2.77 ft. Predicted: 1.82 ft. Residual: 0.95 ft.**

Historical Maximum Water Level: 11/15/1994, 1.9 ft. above **MHHW**

Trident Pier, FL - Station Map [Return to List](#)

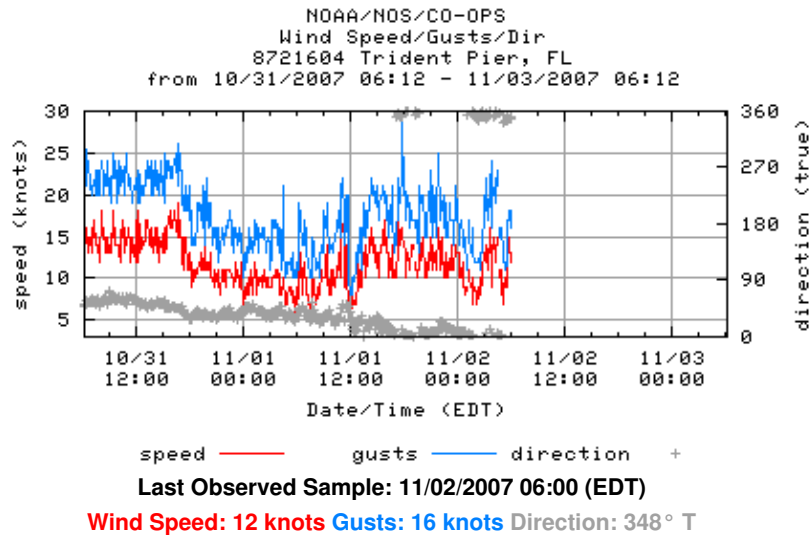


Last Observed Sample: 11/02/2007 06:00 (EDT)

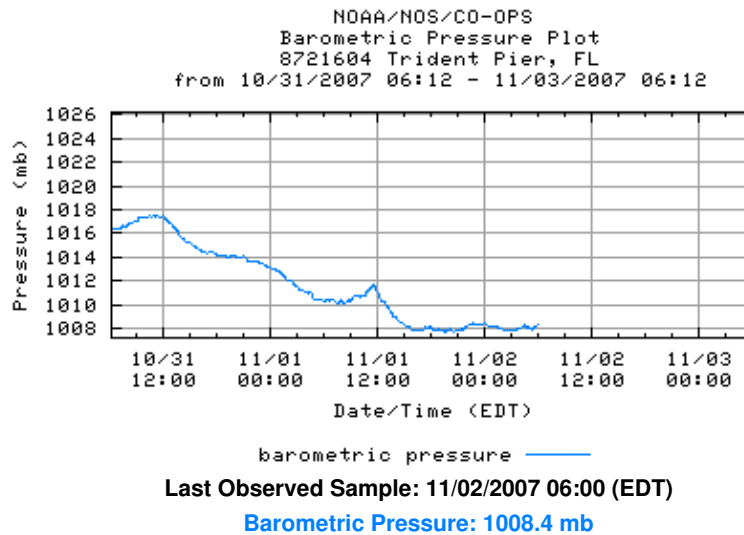
Relative to **MLLW**: **Observed: 3.21 ft. Predicted: 1.82 ft. Residual: 1.39 ft.**

Historical Maximum Water Level: 09/16/2001, 2.28 ft. above **MHHW**

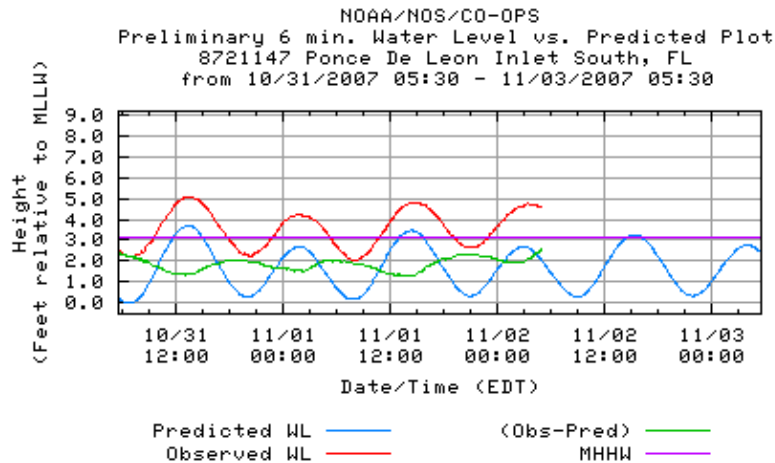
Trident Pier, FL - Station Map [Return to List](#)



Trident Pier, FL - Station Map [Return to List](#)



Ponce De Leon Inlet South, FL - Station Map [Return to List](#)

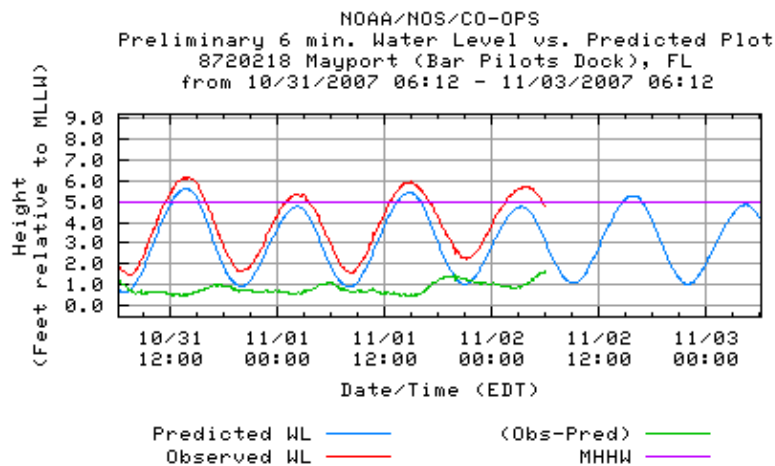


Last Observed Sample: 11/02/2007 04:54 (EDT)

Relative to **MLLW**: **Observed: 4.58 ft. Predicted: 2.02 ft. Residual: 2.56 ft.**

Historical Maximum Water Level: 11/03/1978, 1.67 ft. above **MHHW**

Mayport (Bar Pilots Dock), FL - Station Map [Return to List](#)

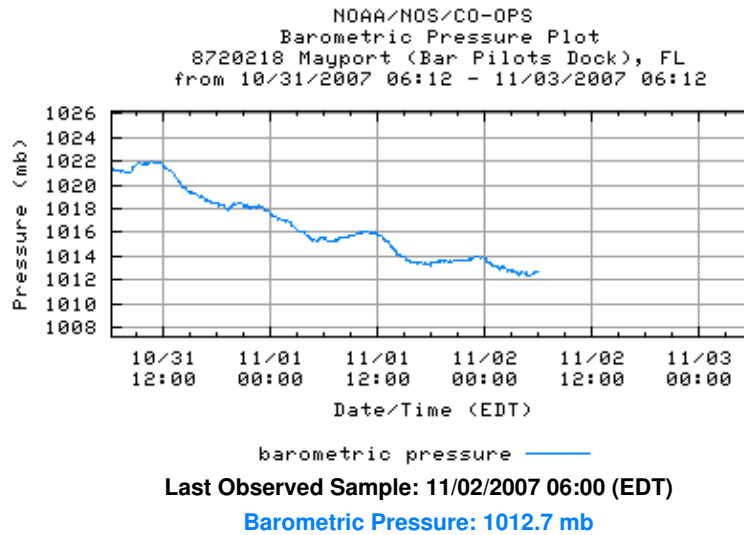


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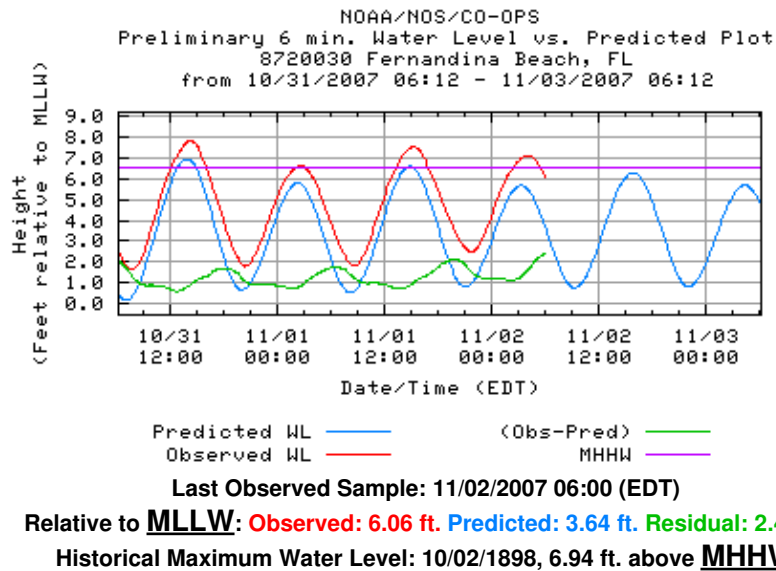
Relative to **MLLW**: **Observed: 4.78 ft. Predicted: 3.09 ft. Residual: 1.69 ft.**

Historical Maximum Water Level: 09/17/2001, 2.15 ft. above **MHHW**

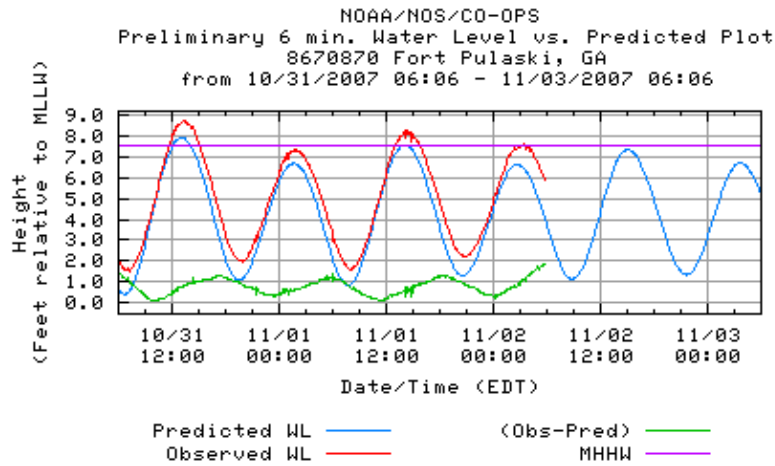
Mayport (Bar Pilots Dock), FL - Station Map [Return to List](#)



Fernandina Beach, FL - Station Map [Return to List](#)



Fort Pulaski, GA - Station Map [Return to List](#)

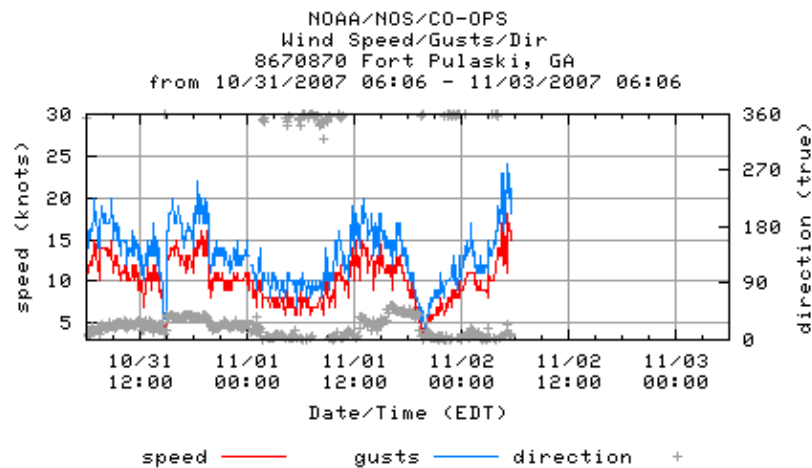


Last Observed Sample: 11/02/2007 05:54 (EDT)

Relative to **MLLW**: **Observed: 5.84 ft. Predicted: 3.98 ft. Residual: 1.86 ft.**

Historical Maximum Water Level: 10/15/1947, 3.4 ft. above **MHHW**

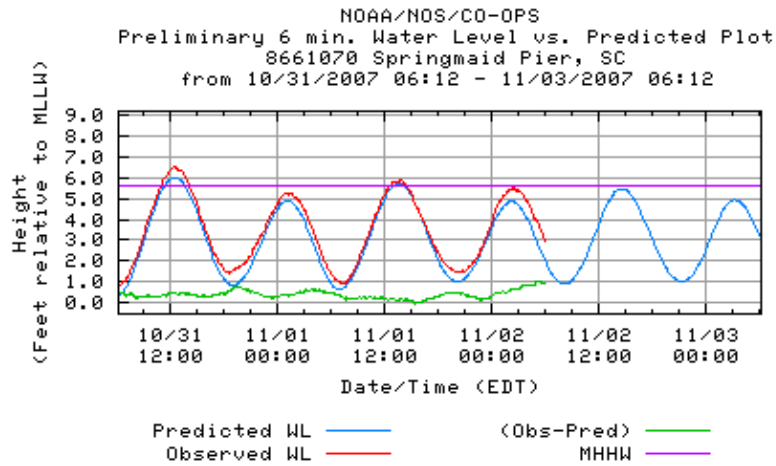
Fort Pulaski, GA - Station Map [Return to List](#)



Last Observed Sample: 11/02/2007 05:42 (EDT)

Wind Speed: 16 knots Gusts: 21 knots Direction: 008° T

Springmaid Pier, SC - Station Map [Return to List](#)

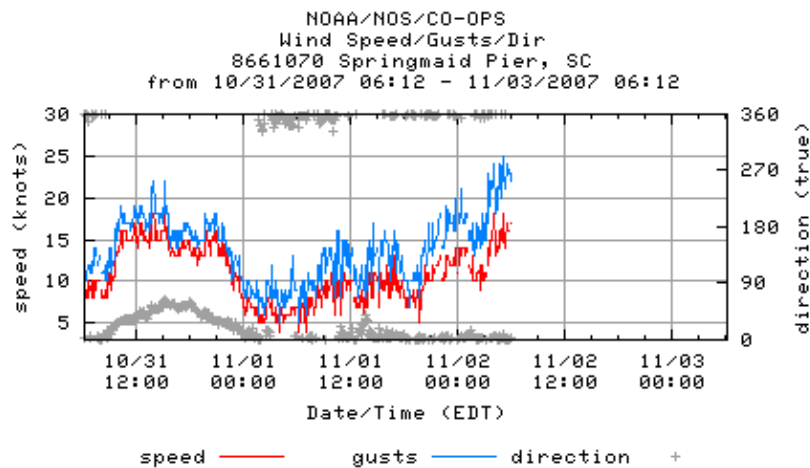


Last Observed Sample: 11/02/2007 06:00 (EDT)

Relative to **MLLW**: **Observed: 2.91 ft. Predicted: 1.99 ft. Residual: 0.92 ft.**

Historical Maximum Water Level: 01/01/1987, 3.65 ft. above **MHHW**

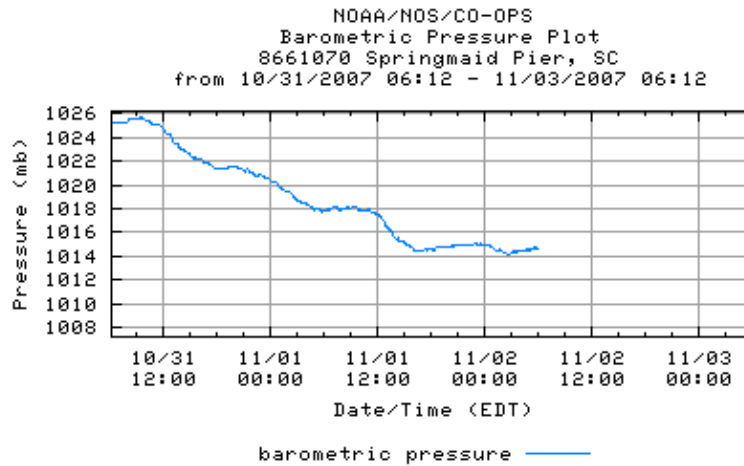
Springmaid Pier, SC - Station Map [Return to List](#)



Last Observed Sample: 11/02/2007 06:00 (EDT)

Wind Speed: 17 knots Gusts: 22 knots Direction: 002° T

Springmaid Pier, SC - Station Map [Return to List](#)



Last Observed Sample: 11/02/2007 06:00 (EDT)

Barometric Pressure: 1014.6 mb

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce